

# Paolo Gambino

## List of Publications by Year in descending order

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96  
papers

7,770  
citations

46918

47  
h-index

48187

88  
g-index

97  
all docs

97  
docs citations

97  
times ranked

4973  
citing authors

#	ARTICLE	IF	CITATIONS
1	Lattice QCD study of inclusive semileptonic decays of heavy mesons. Journal of High Energy Physics, 2022, 2022, .	1.6	15
2	Perturbative corrections to power suppressed effects in $B \rightarrow X_{u,s} \ell^+ \ell^-$ . Journal of High Energy Physics, 2021, 2021, 1.	1.6	9
3	Three loop calculations and inclusive $V$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 822, 136679.	1.5	56
4	Inclusive Semileptonic Decays from Lattice QCD. Physical Review Letters, 2020, 125, 032001.	2.9	32
5	Challenges in semileptonic $B \rightarrow X_{u,s} \ell^+ \ell^-$ decays. European Physical Journal C, 2020, 80, 1.	1.4	48
6	The $V$ puzzle: An update. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 795, 386-390.	1.5	77
7	Crowdsensing for a sustainable comfort and for energy saving. Energy and Buildings, 2019, 186, 208-220.	3.1	18
8	Masses, decay constants and HQE matrix elements of pseudoscalar and vector heavy-light mesons in LQCD. Journal of Physics: Conference Series, 2019, 1137, 012005.	0.3	3
9	HQE parameters from unquenched lattice data on pseudoscalar and vector heavy-light meson masses. EPJ Web of Conferences, 2018, 175, 13028.	0.1	2
10	Explorative Multidimensional Analysis for Energy Efficiency: DataViz versus Clustering Algorithms. Energies, 2018, 11, 1312.	1.6	8
11	A fresh look at the determination of $ V_{cb} $ from $B \rightarrow D \ell^+ \ell^-$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 769, 441-445.	1.5	124
12	$R(D_{s1}^* \rightarrow D_s^* \ell^+ \ell^-)$ , $ V_{cb} $ , and the Heavy Quark Symmetry relations between form factors. Journal of High Energy Physics, 2017, 2017, 1.	1.6	173
13	Extraction of heavy-quark-expansion parameters from unquenched lattice data on pseudoscalar and vector heavy-light meson masses. Physical Review D, 2017, 96, .	1.6	28
14	Neural network approach to $B \rightarrow X_{u,s} \ell^+ \ell^-$ . Physical Review D, 2016, 94, .	1.6	11
15	Taming the higher power corrections in semileptonic $B$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 763, 60-65.	1.5	98
16	The Inclusive Determination of $ V_{cb} $ . Nuclear and Particle Physics Proceedings, 2016, 273-275, 1325-1329.	0.2	3
17	Revisiting $B \rightarrow D \ell^+ \ell^-$ . Physical Review D, 2016, 94, .	1.6	180
18	Updated Next-to-Next-to-Leading-Order QCD Predictions for the Weak Radiative $B \rightarrow X_{u,s} \ell^+ \ell^-$ Meson Decays. Physical Review Letters, 2015, 114, 221801.	2.9	336

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19	The $m_W$ vs $m_Z$ interdependence in the Standard Model: a new scrutiny. Journal of High Energy Physics, 2015, 2015, 1.	1.6	37
20	Inclusive semileptonic B decays and $ V_{cb} $ : In memoriam Kolya Uraltsev. International Journal of Modern Physics A, 2015, 30, 1543002.	0.5	7
21	Precision Determination of the Cabibbo-Kobayashi-Maskawa Element $ V_{cb} $ . Physical Review Letters, 2015, 114, 061802.	2.9	129
22	The Physics of the B Factories. European Physical Journal C, 2014, 74, 1.	1.4	292
23	Inclusive semileptonic fits, heavy quark masses, and $ V_{cb} $ . Physical Review D, 2014, 89, .	1.6	70
24	Perturbative corrections to power suppressed effects in semileptonic B decays. Journal of High Energy Physics, 2014, 2014, 1.	1.6	44
25	Kinetic operator effects in $B \rightarrow \pi \ell^+ \ell^-$ . Nuclear Physics B, 2013, 870, 16-29.	0.9	32
26	A Large Hadron Electron Collider at CERN Report on the Physics and Design Concepts for Machine and Detector. Journal of Physics G: Nuclear and Particle Physics, 2012, 39, 075001.	1.4	406
27	$B \rightarrow D^* \ell^+ \ell^-$ zero-recoil formfactor and the heavy quark expansion in QCD: a systematic study. Journal of High Energy Physics, 2012, 2012, 1.	1.6	32
28	B semileptonic moments at NNLO. Journal of High Energy Physics, 2011, 2011, 1.	1.6	41
29	Lepton Energy Moments in Semileptonic Charm Decays. Nuclear Physics, Section B, Proceedings Supplements, 2011, 210-211, 151-154.	0.5	0
30	Flavor physics in the quark sector. Physics Reports, 2010, 494, 197-414.	10.3	164
31	$B \rightarrow D^* \ell^+ \ell^-$ zero recoil revisited. Physical Review D, 2010, 81, .	1.6	25
32	Power suppressed effects in $B \rightarrow \pi \ell^+ \ell^-$ . Nuclear Physics B, 2010, 830, 278-290.	0.9	19
33	Lepton energy moments in semileptonic charm decays. Nuclear Physics B, 2010, 840, 424-437.	0.9	28
34	SUSY Les Houches Accord 2. Computer Physics Communications, 2009, 180, 8-25.	3.0	295
35	B, D and K decays. Advances in the Physics of Particles and Nuclei, 2009, , 297-480.	0.1	0
36	Normalizing inclusive rare B decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2008, 669, 69-73.	1.5	24

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37	The inclusive determination of. Nuclear Physics, Section B, Proceedings Supplements, 2008, 185, 28-32.	0.5	0
38	SusyBSG: a Fortran code for in the MSSM with Minimal Flavor Violation. Computer Physics Communications, 2008, 179, 759-771.	3.0	57
39	B, D and K decays. European Physical Journal C, 2008, 57, 309-492.	1.4	146
40	Inclusive semileptonic $B \rightarrow X \ell \bar{\nu}_\ell$ decays and the determination of $ V_{cb} $ . Journal of High Energy Physics, 2007, 2007, 058-058.	1.6	97
41	Estimate of $B(B \rightarrow X \ell \bar{\nu}_\ell)$ at $O(\alpha_s^2)$ . Physical Review Letters, 2007, 98, 022002.	2.9	564
42	Magnetic dipole operator contributions to the photon energy spectrum in $B$ . Nuclear Physics B, 2007, 762, 212-228.	0.9	34
43	Theory precision for radiative B decays in SM and MSSM. Nuclear Physics, Section B, Proceedings Supplements, 2007, 163, 127-132.	0.5	0
44	Semileptonic and radiative B decays circa 2005. Nuclear Physics, Section B, Proceedings Supplements, 2006, 156, 169-173.	0.5	5
45	QCD corrections to radiative B decays in the MSSM with minimal flavor violation. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2006, 635, 335-342.	1.5	56
46	Running-coupling effects in the triple-differential charmless semileptonic decay width. Journal of High Energy Physics, 2006, 2006, 036-036.	1.6	10
47	Hadronic mass and $q^2$ moments of charmless semileptonic B decay distributions. Journal of High Energy Physics, 2005, 2005, 010-010.	1.6	22
48	Determining the Sign of the $b \rightarrow s \ell \bar{\nu}_\ell$ Amplitude. Physical Review Letters, 2005, 94, 061803.	2.9	75
49	Perturbative corrections to semileptonic b decay distributions. Nuclear Physics B, 2005, 719, 77-102.	0.9	65
50	Gluino decays in Split Supersymmetry. Nuclear Physics B, 2005, 726, 35-52.	0.9	86
51	Complete NNLO QCD Analysis of $B \rightarrow X \ell \bar{\nu}_\ell$ and Higher Order Electroweak Effects. Journal of High Energy Physics, 2004, 2004, 071-071.	1.6	130
52	THE TOP PRIORITY: PRECISION ELECTROWEAK PHYSICS FROM LOW TO HIGH ENERGY. International Journal of Modern Physics A, 2004, 19, 808-820.	0.5	19
53	Moments of semileptonic B decay distributions in the $1/m_b$ expansion. European Physical Journal C, 2004, 34, 181-189.	1.4	89
54	Heavy quark parameters and $ V_{cb} $ from spectral moments in semileptonic B decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 556, 41-49.	1.5	29

#	ARTICLE	IF	CITATIONS
55	Anomalous dimension matrix for radiative and rare semileptonic B decays up to three loops. Nuclear Physics B, 2003, 673, 238-262.	0.9	125
56	Radiative B decays in the standard model and beyond. Journal of Physics G: Nuclear and Particle Physics, 2003, 29, 65-73.	1.4	0
57	Old and new physics interpretations of the NuTeV anomaly. Journal of High Energy Physics, 2002, 2002, 037-037.	1.6	130
58	A new model-independent way of extracting $ V_{ub}/V_{cb} $ . Nuclear Physics B, 2002, 637, 427-444.	0.9	13
59	$\hat{\mu}^2/\hat{\mu}$ and rare K and B decays in the MSSM. Nuclear Physics B, 2001, 592, 55-91.	0.9	102
60	Quark mass effects in. Nuclear Physics B, 2001, 611, 338-366.	0.9	337
61	Universal unitarity triangle and physics beyond the standard model. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 500, 161-167.	1.5	388
62	Present and future CP measurements. Journal of Physics G: Nuclear and Particle Physics, 2001, 27, 1277-1380.	1.4	12
63	Radiative B decays: electroweak effects and new physics beyond the leading order. Journal of Physics G: Nuclear and Particle Physics, 2001, 27, 1199-1206.	1.4	4
64	Semi-leptonic and rare decays. Journal of Physics G: Nuclear and Particle Physics, 2001, 27, 1159-1160.	1.4	0
65	Indication for light sneutrinos and gauginos from precision electroweak data. Journal of High Energy Physics, 2001, 2001, 018-018.	1.6	65
66	Complete electroweak matching for radiative B decays. Journal of High Energy Physics, 2001, 2001, 020-020.	1.6	54
67	Next-to-leading order QCD corrections to $B \rightarrow X_s \gamma$ . Nuclear Physics, Section B, Proceedings Supplements, 2000, 86, 499-502.	0.5	2
68	$B \rightarrow X_s \gamma$ in supersymmetry: large contributions beyond the leading order. Journal of High Energy Physics, 2000, 2000, 009-009.	1.6	298
69	Electroweak effects in radiative B decays. Journal of High Energy Physics, 2000, 2000, 001-001.	1.6	35
70	Two-loop heavy top corrections to the Z0 boson partial widths. Nuclear Physics B, 2000, 567, 3-31.	0.9	56
71	Electroweak penguin contributions to non-leptonic $B \rightarrow F=1$ decays at NNLO. Nuclear Physics B, 2000, 570, 117-154.	0.9	54
72	Nielsen identities of the SM and the definition of mass. Physical Review D, 2000, 62, .	1.6	127

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73	Test of the heavy top expansion in the evaluation of $M_W$ and $\sin^2 \hat{\theta}_{\text{lepteff}}$ . Journal of High Energy Physics, 1999, 1999, 025-025.	1.6	8
74	Fermion mixing renormalization and gauge invariance. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 454, 98-104.	1.5	61
75	Electroweak effects in the mixing. Nuclear Physics B, 1999, 544, 532-556.	0.9	21
76	The role of $M_W$ in precision studies of the standard model. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 418, 209-213.	1.5	65
77	Two-loop electroweak heavy-fermion corrections to Higgs-boson production and decay. Nuclear Physics B, 1998, 523, 17-39.	0.9	66
78	Next-to-leading QCD corrections to $B \rightarrow \bar{c} s$ : Standard model and two-Higgs doublet model. Nuclear Physics B, 1998, 527, 21-43.	0.9	316
79	Next-to-leading QCD corrections to $B \rightarrow \bar{c} s$ in supersymmetry. Nuclear Physics B, 1998, 534, 3-20.	0.9	190
80	Leading QCD corrections to scalar quark contributions to electroweak precision observables. Physical Review D, 1998, 57, 4179-4196.	1.6	83
81	Supersymmetric Contributions to Electroweak Precision Observables: QCD Corrections. Physical Review Letters, 1997, 78, 3626-3629.	2.9	87
82	New measurements of proton polarized structure functions in charged current processes at DESY HERA. Physical Review D, 1997, 55, 5841-5844.	1.6	7
83	Precise calculation of $\alpha_s$ and $\sin^2 \hat{\theta}_{\text{efflept}}$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 394, 188-194.	1.5	117
84	Two-loop heavy top effects on the $m_Z$ - $m_W$ interdependence. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 383, 219-226.	1.5	107
85	Polarization and the weak mixing angle in high energy $e^+e^-$ collisions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 388, 211-218.	1.5	15
86	Electroweak gauge boson self-energies: Complete QCD corrections. Physical Review D, 1996, 53, 4111-4111.	1.6	48
87	Two-loop corrections to the heavy top limit in the $\bar{s} s$ parameter. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 350, 75-84.	1.5	17
88	Renormalon contributions to $\bar{s} s$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 355, 295-300.	1.5	11
89	QCD corrections to Higgs boson self-energies and fermionic decay widths. Physical Review D, 1995, 51, 218-228.	1.6	63
90	CURRENT ALGEBRA APPROACH TO HEAVY TOP EFFECTS IN $\bar{s} s$ : International Journal of Modern Physics A, 1995, 10, 1377-1392.	0.5	20

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91	Relation between $\sin^2 \hat{1}_W(m_Z)$ and $\sin^2 \hat{1}_{eff}$ . Physical Review D, 1994, 49, R1160-R1162.	1.6	39
92	Evidence for Bosonic Electroweak Corrections in the Standard Model. Physical Review Letters, 1994, 73, 621-623.	2.9	9
93	Leading Electroweak Correction to Higgs Boson Production at Proton Colliders. Physical Review Letters, 1994, 73, 2528-2531.	2.9	89
94	Electroweak gauge boson self-energies: Complete QCD corrections. Physical Review D, 1994, 49, 3499-3511.	1.6	129
95	Asymptotic $O(\hat{1}_{\pm s})$ behavior of the electroweak gauge boson vacuum polarization functions for arbitrary quark masses. Physical Review D, 1994, 49, 4705-4712.	1.6	12
96	Polarized deep inelastic scattering at high energies and parity violating structure functions. Zeitschrift für Physik C-Particles and Fields, 1994, 64, 267-273.	1.5	38